

A3 -- An alternative embodiment is shown in Fig. 4 and incorporates an MIL-STD-1553 data bus for connecting the display 21, the GPS and/or other data signal modules 40 and the radio and data controller 48 to the system. The radio interphone system 60 is also expanded to include additional audio channels. A VDU input matrix module 62 is provided for controlling the various video input signals to the cockpit integrated display 21. This is controlled by the platform controller computer 64 which is also connected to the display 21 and the processor unit 10 by the MIL-STD-1553 data bus.--

In the Claims:

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Please add the following claims:

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Cont
11. (Added) A multifunction remote controlled recording/playback system for recording full motion video signals comprising a series of sequential "still" frames, the recording/playback system comprising:

- a. a recorder/player unit;
- b. a central processing unit for controlling the recording/playback system;
- c. a video signal source for providing a video signal;
- d. a video signal transmission system;
- e. a video signal switching system responsive to commands from the central processor

unit for selectively distributing the video signal to the recorder/player unit, the display monitor and the transmission system, wherein a full motion video signal may be distributed to the recorder/player unit while a selected still frame of the video signal is distributed to other components of the system; and

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f. an audio signal source for providing an audio signal to the central processing unit for recording on the recorder/player unit.--

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Unit
-- 12. (Added) The system of claim 11 wherein the audio signal source comprises an aircraft interphone.--

-- 13. (Added) The system of claim 11 further comprising a data signal source for providing a data signal to the central processing unit for recording on the recorder/player unit.--

-- 14. (Added) The system of claim 13 wherein the data signal source comprises a GPS receiver.--

-- 15. (Added) The system of claim 11 further comprising an encryption unit for encrypting at least one signal.--

-- 16. (Added) The system of claim 11 further comprising a marking signal generator, whereby specific, selected still frames of the recorded full motion video signal may be marked, the system being adapted to select said frames by searching for the marks, for distribution of the recorded marked frames by the video switching system.--

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-- 17. (Added) A multifunction remote controlled recording/playback system for recording full motion video signals comprising a series of sequential "still" frames, the recording/playback system comprising:

- a. a recorder/player unit;
- b. a central processing unit for controlling the recording/playback system;
- c. a video signal source for providing a video signal;
- d. a video signal transmission system;
- e. a video signal switching system responsive to commands from the central processor unit for selectively distributing the video signal to the recorder/player unit, the display monitor and the transmission system, wherein a full motion video signal may be distributed to the recorder/player unit while a selected still frame of the video signal is distributed to other components of the system;
- f. an audio signal source for providing an audio signal to the central processing unit for recording on the recorder/player unit; and
- g. a data signal source for providing a data signal to the central processing unit for recording on the recorder/player unit.--

-- 18. (Added) The system of claim 17 wherein the data signal source comprises a GPS receiver.--

-- 19. (Added) The system of claim 17 wherein the audio signal source comprises an aircraft interphone.--

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-- 20. (Added)

at least one signal.--

The system of claim 17 further comprising an encryption unit for encrypting

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